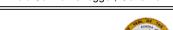
#### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

## WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-004403 Address: 333 Burma Road **Date Inspected:** 09-Oct-2008

City: Oakland, CA 94607

OSM Arrival Time: 1400 **Project Name:** SAS Superstructure **OSM Departure Time:** 2200 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name: CWI Present:** Yes N/A No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:** 

34-0006 **Bridge No: Component:** tower skin plate, deck plate assemblies

### **Summary of Items Observed:**

Heavy Duty Shop – Bay 1

Caltrans Quality Assurance Inspector George Goulet (QA Inspector) performed final 100% VT as well as final MT, 10% verification of the 10% performed by QC, on skin plate butt welds ESD1-SA425-3A & 4A. No apparent indications were observed at either location noted. Items observed appeared to comply with project specifications.

Sub-assembly Shop - Bay 4

QA Inspector was also in Bay 4, in response to a ZPMC notification of witness inspection, to perform final 100% VT as well as MT, 10% verification of the 10% performed by QC, on DP518-001 and DP513-001 at 1530 as scheduled. QA Inspector observed that no record of ZPMC or ABF had performed MT on these pieces.

QA Inspector was later in Bay 4, in response to a ZPMC notification of witness inspection, to perform final 100% VT as well as MT, 10% verification of the 10% performed by QC, on DP516-001 and DP635-001 at 1930 as scheduled. QA Inspector observed that no record of ZPMC or ABF had performed MT on these pieces.

QA Inspector performed no VT or MT in Bay 4 on this date.

#### **Summary of Conversations:**

No significant conversations this date.

## **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)

remedial efforts please contact Joshua Ishibashi, 136-6471-0411, who represents the Office of Structural Materials for your project.

Inspected By:	Goulet, George	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer